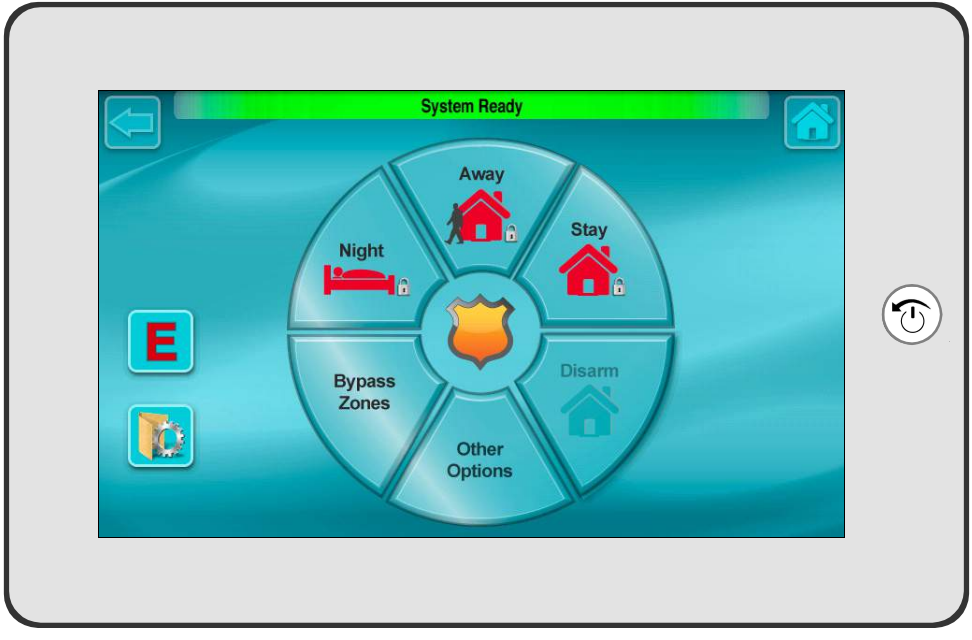
Using your
iBridge® IBR-ITAB Security System



http://www.napcosecurity.com/

© NAPCO 2013

INTRODUCTION

The **IBR-ITAB iBridge® Touch Screen Tablet Keypad** is a "*smart*" user-friendly, interactive menu-driven Z-Wave enabled tablet keypad designed for your Napco control panel. Its interactive touch screen will not only display the status of your system, but will also give you step-by-step instructions to guide you through all operations.

This booklet contains important information about the operation of your system with the **IBR-ITAB** keypad; read it carefully and keep it handy for future reference. Check the Glossary for terms that may be unfamiliar to you.

You'll probably find subjects or screens mentioned in this booklet that do not apply to your system. Napco keypads and control panels have such a wide variety of features that few security systems, if any, will ever need them all. Your alarm professional has chosen appropriate features for your particular needs.

Regardless of how your system has been configured, rest assured that it has been carefully designed and engineered to the highest industry standards. To assure optimum safety and security, familiarize yourself with this equipment. Periodically check its condition and state of readiness by testing it at least once a week in both the ac/battery and battery-only modes (ask your alarm professional how to make these tests).

IMPORTANT - TEST YOUR SYSTEM WEEKLY

Test your sounding device and backup battery

(These tests should only be performed on weekends or at a time designated by your alarm company.)

1. While disarmed, tap **Security**, **Other Options**, **Keypad Mode**, [MENU].
2. Answer NO (tap [AWAY]) until "ACTIVATE SIREN TEST" appears in the window.
3. Tap YES ([STAY]) to execute the test. The alarm will sound for about two seconds.
   - If the alarm does not sound, call for service.
   - If the battery is low, "LOW BATTERY E02-00 SERVICE" will appear in the display indicating a low battery condition. Allow 24 hours for the battery to recharge. If the trouble continues, call for service.

Test your central station communicator

(Activate Dialer Test programmed? ❑YES ❑NO)

1. Notify your Central Station of the impending test.
2. While disarmed, enter your User Code and tap [MENU].
3. Answer NO (tap [AWAY]) until "ACTIVATE DIALER TEST" appears in the window.
4. Tap YES ([STAY]) to send a test code to the central station.
   - If the test is not successful, "COMM FAIL E03-00 SERVICE" will display, indicating a communication failure. Call for service.

Note: Any subsequent successful transmission will clear a "*Failure to Communicate*" system trouble.

TABLE OF CONTENTS

Section	Page
IBR-ITAB HARDWARE CONTROLS & INDICATORS	5
GETTING STARTED	6
USING THE TOUCH SCREEN (AND BACK / POWER BUTTON)	7
HOME SCREEN ICONS	8
ENTER YOUR SECURITY SYSTEM	9
"K SERIES" KEYPAD MODE: CONTROLS & INDICATORS	10
"CLASSIC" KEYPAD MODE: CONTROLS & INDICATORS	12
ARMING AWAY: SETTING THE ALARM WHEN LEAVING	14
ARMING STAY: PROTECTING YOURSELF AT HOME	16
EASY EXIT / EMERGENCY BUTTONS	17
DISARMING (TURNING OFF THE ALARM) WHEN RETURNING	18
ARMING "NIGHT": PROTECTING YOURSELF WHEN SLEEPING	19
BYPASSING ZONES	20
FIRE PROTECTION	22
FUNCTION MENU	26
CENTRAL-STATION MONITORING	31
ADVANCED FEATURES	32
PROGRAMMING USER CODES	33
ENTER ZONE DESCRIPTIONS -- "CELL PHONE STYLE"	35-36
KEYPAD MESSAGES	38
USING THE ONSCREEN KEYBOARD	41
USER SETTINGS MENU	44
GLOSSARY	56
SYSTEM TROUBLE ERROR CODES	59
TROUBLESHOOTING	64

TO SILENCE AN ALARM, ENTER YOUR CODE, AND TAP [ENTER].

FOR SERVICE, CALL: _____

CENTRAL STATION: _____

EXIT DELAY: _____

ENTRY DELAY: _____

FIRE ALARM SOUND*:

_____

BURGLAR ALARM SOUND*:

_____

KEYPAD FIRE ENABLED? ❑YES ❑NO

KEYPAD PANIC ENABLED? ❑YES ❑NO

KEYPAD AUX. ENABLED? ❑YES ❑NO

*FIRE HAS PRIORITY OVER BURGLARY.

INTRODUCTION

THANK YOU FOR CHOOSING NAPCO

This guide will introduce you to the features of your new **IBR-ITAB iBridge®** tablet keypad. For assistance, please go to napcosecurity.com. **Note:** Screen images, icons and instructions shown in this guide may vary depending on the firmware version installed in your IBR-ITAB.

IMPORTANT CUSTOMER INFORMATION

Please be advised that the various applications and services available through this iBridge tablet device are provided by various device, operating system, software and application developers (e.g., Google™, Motorola, Microsoft®, Palm®, etc.). If you use, link to or download a service or software application such as a non-Napco location-based GPS type service, chat room, marketplace or social network from this device, you should carefully review the terms of service or application. If you use any of these non-Napco services or applications, personal information you submit may be read, collected, or used by the service or application provider and/or other users of those services. Napco is not responsible for your use of those applications or for the information you choose to share with others. Specific terms and conditions, privacy polices and terms of use apply to those non-Napco applications and services. Please carefully review all conditions and terms applicable to those services and software applications for all privacy policies, risks or waivers. Your Napco Limited Warrantee and other terms and conditions govern your use of all Napco wireless products and services.

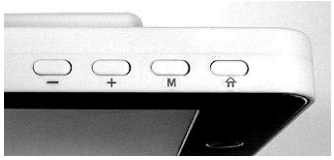
Before charging, assembling or using your **IBR-ITAB iBridge** tablet keypad device for the first time, please read and understand the important safety and legal information packaged with your device.

Caution: *The rear of the IBR-ITAB contains a strong magnetic field that can interfere with pacemakers, defibrillators and other electronic devices*.

IMPORTANT NOTE

Although the instructions in this guide are depicted using the GEM-K1CA "K Series" keypad buttons, this guide can also be used with the "classic" GEM-RP1CAe2 keypad. If your system uses the "classic" GEM-RP1CAe2 keypad, the "classic" **INTERIOR**, **INSTANT**, **FUNCTION** and **ON/OFF** buttons can be used in place of the "K Series" model **STAY**, **AWAY**, **MENU** and **ENTER** buttons respectively. Refer to the User Guide that came with your wired keypad for more information.

IBR-ITAB HARDWARE CONTROLS & INDICATORS



– **(Volume Down)**: Press to decrease the loudness of the IBR-ITAB sounds.

+ **(Volume Up)**: Press to increase the loudness of the IBR-ITAB sounds.

M **(Menu)**: Press to display a menu of selections for most screens.

⌂ **(Home)**: Press and hold to go to the Touch Screen Calibration screen (see page 47).

Back / Power Button: Press to turn on your IBR-ITAB. When up and running, press to return to the previous screen. Lights red when charging, and green when fully charged (but still attached to the charger).

Three options appear when the **Back / Power Button** is *pressed* and *held down* for several seconds:

Screen Lock Turns the IBR-ITAB screen off; the IBR-ITAB Napco Security Application still runs in the background; press any button on the IBR-ITAB and the Home Screen appears.

Reboot Restarts the IBR-ITAB; the IBR-ITAB Napco Security Application turns off and automatically starts again.

Power Off After a confirmation popup. exits the IBR-ITAB Napco Security Application, and turns the IBR-ITAB off. To restart, wait 15 seconds, then press and hold the **Back / Power Button** until the screen displays startup text, indicating the IBR-ITAB has turned on and will begin the startup process.

USB Socket: Standard USB socket for thumb drives, portable hard drives, memory sticks, etc. For data transfer only (NOT for charging).

Microphone: Integral high sensitivity, voice input.

Mini-B USB Socket: (Do not use).

microSD Card Slot: A slot for a secure digital microSD flash memory card. Supports card capacities of up to eight gigabytes, for of added storage. **Note:** The "microSD" card format is also called "TransFlash".

GETTING STARTED

CHARGE YOUR IBR-ITAB

The model **IBR-ITAB** iBridge® wireless tablet keypad contains a rechargeable battery that must be charged at its wall-mounted charging station, or at an IBR-ITABSTAND desk-mounted charging station.

Caution: Use ONLY the charger that came with your **IBR-ITAB** when charging. Do NOT attempt to connect a charger to the USB port. The USB port is used for data transfer only, NOT for charging.

Place the IBR-ITAB into the wall-mounted charging station. If using the IBR-ITABSTAND desk mounted charging station, be sure to plug the other end of the charging station into a standard electrical outlet. While the battery is charging, the **Back / Power Button** charging indicator lights red.

Caution: Before assembling, charging, or using your device for the first time, please read the important legal and safety information packaged with your IBR-ITAB. Any attempt to remove or replace your battery may damage the product. The battery should only be replaced by a Napco-approved service facility.

TURNING ON YOUR IBR-ITAB

Press and hold the **Back / Power Button** until the screen displays startup text, indicating the IBR-ITAB has turned on and will begin the startup process. After a short time a popup appears; tap "**Napco RCM Application**" to continue.

Note: To automatically start the **Napco RCM Application**, check the **Use by default for this action** checkbox before tapping the "**Napco RCM Application**" selection.

After a few seconds, the IBR-ITAB Napco Security Application Home Screen appears. From this screen, tap any of several buttons, including:

Security: Tap to display the status of your Napco alarm system. Allows the control of all system operations, just like a standard wired keypad.

Video: (optional) Tap to discover and view the camera transmissions in your system.

Automation: (optional) Tap to control the home automation system components, including lighting and other devices.

Climate: (optional) Tap to control the home automation thermostats and other climate control devices.

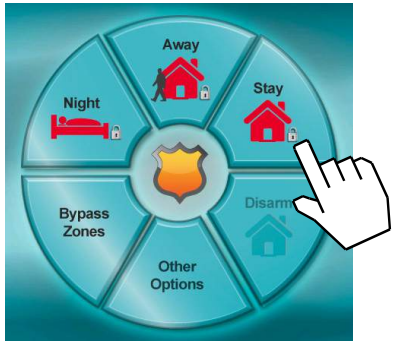
USING THE TOUCH SCREEN (AND BACK / POWER BUTTON)

Navigation through the IBR-ITAB
When the IBR-ITAB is first powered, the Home Screen is the first screen displayed. You can navigate through various sub-menus by simply using your finger to touch through the icons and menus as needed. The IBR-ITAB responds differently depending on how the screen is touched:

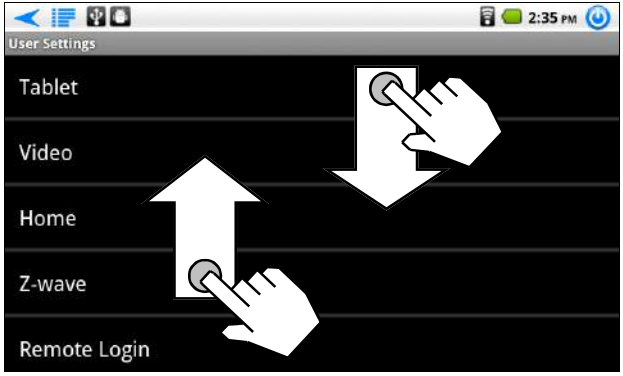
- **Touch**: To chose an icon, or click a button or menu selection, touch or "tap" it with your finger.
- **Drag**: To scroll or move slowly, *touch and hold* to select a menu item, then drag your finger up and down the touch screen to scroll through the menu selections.
- **Hold Down**: Certain icons have two functions depending on whether they are tapped or *pressed and held down* for 3 seconds.

Using the Back / Power Button

- **Home**: Press the **Back / Power Button** repeatedly to return to the Home Screen.
- **Back**: Press the **Back / Power Button** to return to the previous screen.



"Touch": Chose an icon or button by touching or "tapping"



"Drag": Touch and hold, then drag up and down to scroll

HOME SCREEN ICONS

The "Home Screen" may contain other touchable icons, including:

SECURITY: This icon is your gateway to your alarm system. From here you can arm, disarm, bypass and control all system operations.

VIDEO: (optional) Tap to discover and view the camera transmissions in your system.

AUTOMATION: (optional) Tap to control the Z-Wave home automation system components, including lighting and other devices.

CLIMATE: (optional) Tap to control the Z-Wave home automation thermostats and other climate control devices.

LOCKING DEVICES: (optional) Tap to access the Z-Wave door locking devices in your system.

TROUBLES: Appears if a problem occurs in the system that may prevent arming (see **SYSTEM TROUBLE ERROR CODES**). If you are unable to clear the trouble to allow the system to be armed, call for service immediately.

EMERGENCY Buttons: Used to signal a Fire, Police or Auxiliary emergency.

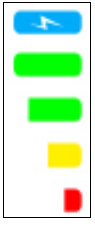
USER SETTINGS: Tap to access the screens to allow changes to the way your IBR-ITAB operates (see **USER SETTINGS MENU**).

HELP: On-screen instructions for Z-Wave functions.

BROWSER: Tap to open the IBR-ITAB web browser, allowing access to the Internet.

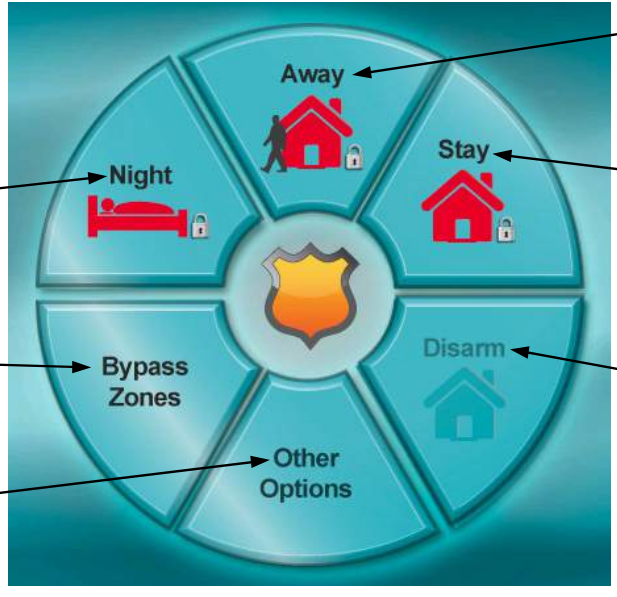
HOME: **Tap** to return directly to the Home Screen.

SIGNAL: Displays the wireless signal power. The indicator displays 3 bars maximum; the more bars lit, the stronger the wireless signal. A red "X" appears when the device is not connected.



BATTERY CHARGE STATUS: Displays the condition of the integral battery. When charging, the blue icon appears; when fully charged, the full green icon appears. When the battery is approximately half-drained, the yellow icon appears. When battery is almost depleted, the red warning icon appears (reconnect to charging station immediately).

ENTER YOUR SECURITY SYSTEM



Tap to arm "Away" when leaving (page 14)

Tap to arm "Stay" to protect yourself at home (page 16)

Tap to disarm the system (icon active only when armed) (page 18)

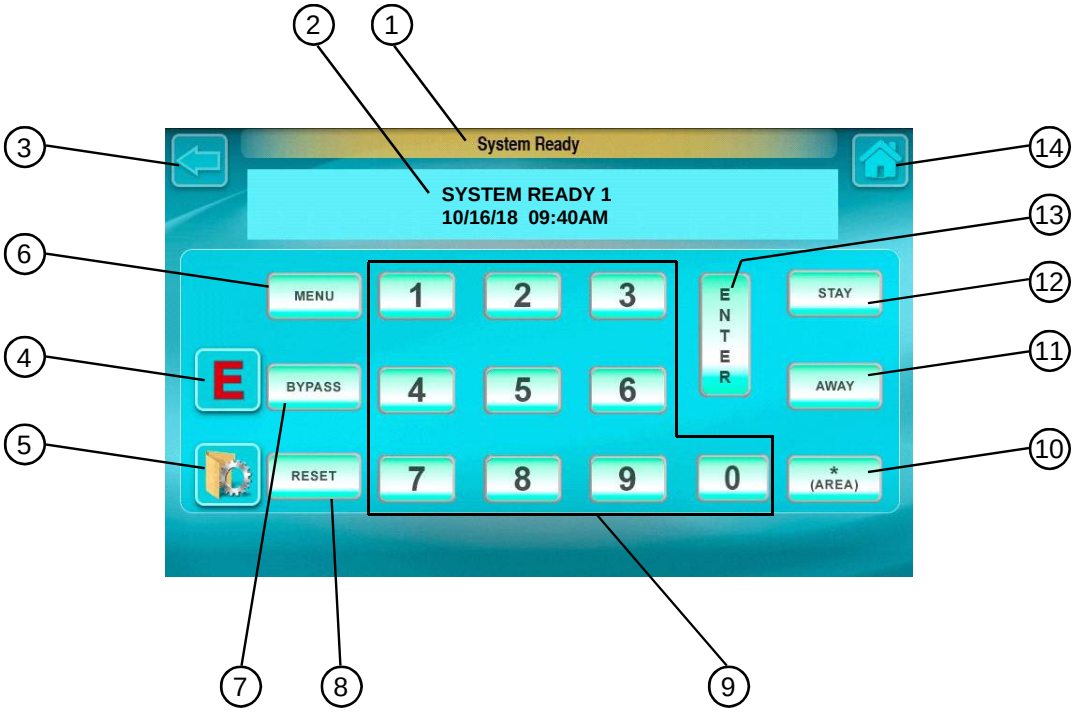
Tap to arm "Night" when sleeping (page 19)

Tap to selectively bypass zones (page 20)

Tap for other options:

- **Keypad Mode**
- **Zone Directory**
- **Events**
- **Dealer Servicing Information (page 21)**

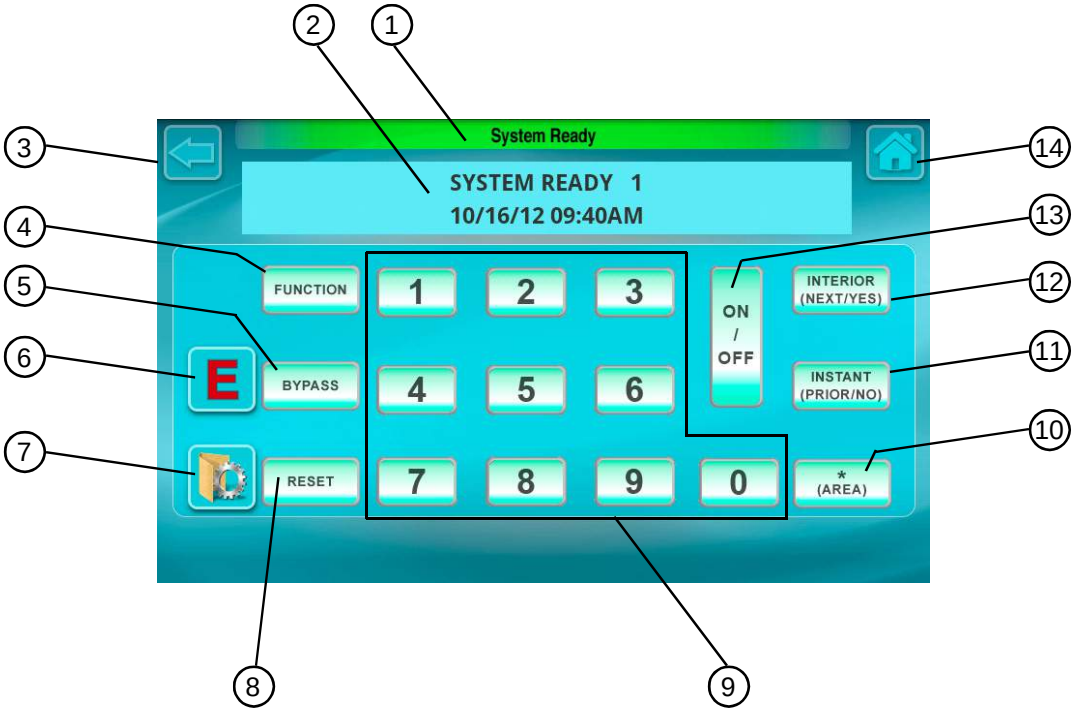
"K SERIES" KEYPAD MODE: CONTROLS & INDICATORS



"K SERIES" KEYPAD MODE: CONTROLS & INDICATORS

1. **Banner:** Displays system status messages, zone descriptions, etc.
2. **Keypad Window:** Displays system status messages, zone descriptions, etc.
3. **BACK Button:** Tap to return to the previously selected screen.
4. **EMERGENCY Buttons:** Used to signal a Fire, Police or Auxiliary emergency (for example, a medical emergency).
5. **USER SETTINGS:** Tap to access the screens to allow changes to the way your IBR-ITAB operates (see **USER SETTINGS MENU**).
6. **MENU Button:** Selects available system functions as displayed in the window. The selected function is executed by tapping the button.
7. **BYPASS Button:** (1) Deactivates selected zones from the system. (2) Unbypasses a bypassed zone (GEM-P816/1632/1664/3200/9600/X255 panels only).
8. **RESET Button:** (1) Resets various system troubles, displays, etc. (see text). (2) Resets residential smoke detectors.
9. **Numerical Keys (1-9, 0):** Used to enter codes, zone numbers, etc.
10. **AREA Button (✳):** Selects other areas (see Manager's Mode on page 15).
11. **AWAY Button:** (1) Arms all zones in the system, with display indicating the exit time remaining. (2) Scrolls window display backward (**PRIOR**). (3) Answers "No" to questions in the window display.
12. **STAY Button:** (1) Bypasses all Interior Zones simultaneously ("STAY Mode") to allow free movement within the premises. Hold down STAY when the system is armed in "STAY Mode" to cancel entry delay on Exit/Entry zones, causing an instant alarm upon violation. (2) Scrolls the window display forward (**NEXT**). (3) Answers "Yes" to questions in the window display.
13. **ENTER Button:** Input entry key. Causes the entered code or selected function to be executed.
14. **HOME:** Tap to return directly to the Home Screen.

"CLASSIC" KEYPAD MODE: CONTROLS & INDICATORS



"CLASSIC" KEYPAD MODE: CONTROLS & INDICATORS

1. **Banner:** Displays system status messages, zone descriptions, etc.
2. **Keypad Window:** Displays system status messages, zone descriptions, etc.
3. **BACK Button:** Tap to return to the previously selected screen.
4. **FUNCTION Button:** Selects available system functions as displayed in the window. The selected function is executed by tapping the button.
5. **BYPASS Button:** (1) Deactivates selected zones from the system. (2) Unbypasses a bypassed zone (GEM-P3200/9600/X255 panels only).
6. **EMERGENCY Buttons:** Used to signal a Fire, Police or Auxiliary emergency (for example, a medical emergency).
7. **USER SETTINGS:** Tap to access the screens to allow changes to the way your IBR-ITAB operates (see **USER SETTINGS MENU**).
8. **RESET Button:** (1) Resets various system troubles, displays, etc. (see text). (2) Resets residential smoke detectors.
9. **Numerical Keys (1-9, 0):** Used to enter codes, zone numbers, etc.
10. **AREA Button ( ):** Selects other areas (see Manager's Mode on page 15).
11. **INSTANT Button:** (1) Cancels entry delay on Exit/Entry Zones, causing an instant alarm upon violation. (2) Scrolls window display backward (PRIOR). (3) Answers "NO" to questions in the window display.
12. **INTERIOR Button:** (1) Bypasses all Interior Zones simultaneously to allow free movement within the premises. (2) Scrolls the window display forward (NEXT). (3) Answers "YES" to questions in the window display.
13. **ON/OFF Button:** Input entry key. Causes the entered code or selected function to be executed.
14. **HOME:** Tap to return directly to the Home Screen.

ARMING "AWAY": SETTING THE ALARM WHEN LEAVING

If the feature "EZ-ARM" is programmed, the arming steps will change. Ask your alarm installer if EZ-ARM is enabled. **(Optional - Is EZ-ARM programmed? ❑YES ❑NO)**

1 Close all perimeter windows and doors before arming. The words "**System Ready**" must appear in order to arm. If "**Zones Faulted**" displays followed by the number and description of each faulted zone, then note each problem zone and secure it by closing a window, door, etc. When all zones are secure, the window will display "**System Ready**".

2 From the Home Screen, tap **Security**.

3 Tap **Away**.

- If EZ-ARM is enabled: The Exit Delay countdown takes place, during which time you are permitted to leave through the exit door.
- If EZ-ARM is NOT enabled: Enter your code and tap

. **Note:** If you enter a wrong code, "**INVALID ENTRY, TRY AGAIN**" will display.

The Keypad Window will display "**PLEASE EXIT IN XXX SECONDS**" (where "XXX" represents the exit time remaining, in 10-second steps).

4 Leave the premises. Leave through the exit door before the exit time expires.

If you are unable to arm…

If you attempt to arm with a faulted Zone, a 3-second tone will sound at the tablet. The audible message "**There is a Zone open, please secure and try again**" and the text "**CAN'T ARM SYSTEM, ZONE FAULTED**" will display in the window, indicating that the faulted zone(s) must be secured before the panel can be armed.

If you cannot secure the faulted zone(s), cannot locate or repair the problem yourself, either call your alarm installer for assistance, or you can *temporarily* bypass the problem zone(s) from the system (see **Bypassing Zones** on page 20).

ARMING "AWAY": SETTING THE ALARM WHEN LEAVING

Arming with a System Trouble

If you attempt to arm with a "SYSTEM TROUBLE" display alternating with an indicated trouble code (e.g. "E02-00" (low battery); see SYSTEM TROUBLE ERROR CODES), a 3-second tone will sound at the keypad. The window will display "CAN'T ARM SYSTEM, PRESS RESET KEY". If you cannot correct the problem immediately, tapping [RESET] will enable you to arm in this condition. Be sure to call for service as soon as possible.

Area Arming (Optional)

Some systems may be divided, or partitioned, into smaller independent subsystems, which are referred to as Areas. In a system that has been partitioned into multiple areas, one or more area may be armed while others remain disarmed.

Manager's Mode (Optional)

The Manager's Mode allows the user to arm / disarm other areas in a partitioned system. *To arm/disarm a different area:*

1. While disarmed, tap **Security**, **Other Options**, **Keypad Mode**. Tap the numerical key representing the other area number.
2. Tap [✳] followed by [ENTER]. The keypad will now provide status and control of that area.
3. Enter your User Code followed by [AWAY] (use [ON/OFF] for "Classic" keypad configurations) to arm or disarm the area.
4. Tap [✳] followed by [ENTER] to return to the home area.

Global Arming (Optional) (Available only with the GEM-P1632/1664/3200/9600/X255 panels)

To **arm** all areas simultaneously, tap [9 P], [✳] and enter your code followed by [ENTER].

To **disarm** all areas simultaneously, tap [0], [✳] and enter your code followed by [ENTER].

- The User Code must be valid in all area(s).
- If any zone is not secured, the keypad will display "**CAN'T ARM SYSTEM, AREA X IN TROUBLE**", where X indicates the number of the Area in trouble. All faulted zones in the respective area(s) must be secured or bypassed. **Note:** If a system trouble is indicated, the system cannot be armed using this method.

ARMING "STAY": PROTECTING YOURSELF AT HOME

Interior Zones, when bypassed, allow free movement within the home while the protection of armed perimeter zones is maintained. If the feature "EZ-ARM" is programmed, the arming steps will change. Ask your alarm installer if EZ-ARM is enabled. **(Optional - Is EZ-ARM programmed? ❑YES ❑NO)**

1 Close all perimeter windows and doors before arming. The words "**System Ready**" must appear in order to arm. If "**Zones Faulted**" displays followed by the number and description of each faulted zone, then note each problem zone and secure it by closing a window, door, etc. When all zones are secure, the window will display "**System Ready**".

2 From the Home Screen, tap **Security**.

3 Tap **Stay**.

- If EZ-ARM is enabled: The Exit Delay countdown takes place, during which time you are permitted to leave through the exit door.
- If EZ-ARM is NOT enabled: Enter your code and tap

. **Note:** If you enter a wrong code, "**INVALID ENTRY, TRY AGAIN**" will display.

The Keypad Window will display "**PLEASE EXIT IN XXX SECONDS**" (where "XXX" represents the exit time remaining, in 10-second steps).

4 Remain inside the premises. Persons wishing to exit can leave through the exit door before the exit time expires.

If you are unable to arm…

If you attempt to arm with a faulted Zone, a 3-second tone will sound at the tablet. The audible message "**There is a Zone open, please secure and try again**" and the text "**CAN'T ARM SYSTEM, ZONE FAULTED**" will display in the window, indicating that the faulted zone(s) must be secured before the panel can be armed.

If you cannot secure the faulted zone(s), cannot locate or repair the problem yourself, either call your alarm installer for assistance, or you can *temporarily* bypass the problem zone(s) from the system (see **Bypassing Zones** on page 20).

EASY EXIT / EMERGENCY BUTTONS

Easy Exit (Optional - Easy Exit programmed? ❑YES ❑NO)

Your system may have been programmed for Easy Exit, which allows a user to exit the premises while the system is armed STAY. By activating Easy Exit while the system is armed STAY, the Exit Delay countdown will take place, during which time you are permitted to leave through the exit door. The Easy Exit Delay time will be identical to the Exit Delay time the system gives you each time it is armed STAY. This will allow, for example, an early morning commuter to exit the house, without having to disarm and rearm the system, awaking the family.

- With the system armed STAY, open the keypad screen by pressing and holding the **Disarm** button.

- At the keypad, tap

to activate Easy Exit on your system. (GEM-P3200/9600/X255 V20 or greater, GEM-P816/P1632/P1664 V9A or greater)

Emergency Buttons (Only available if programmed with the **User Settings** button)

The Emergency Buttons, if programmed, are always active, whether the system is armed or disarmed.

- **Fire Emergency:** From the Home Screen, tap the "**E**" button, then tap the button marked "**Fire**" (shown at left) to alert the central station of a fire emergency. ***(Is Fire Emergency programmed? ❑YES ❑NO)

- **Auxiliary Emergency:** From the Home Screen, tap the "**E**" button, then tap "**Aux**." (shown at left) to alert the central station of an auxiliary emergency (for example, a medical emergency). ***(Is Aux. Emergency programmed? ❑YES ❑NO)

- **Police Emergency:** From the Home Screen, tap the "**E**" button, then tap the button marked "**Police**" (shown at left) to alert the central station of a police emergency. ***(Is Police Emergency programmed? ❑YES ❑NO)

DISARMING (TURNING OFF THE ALARM) WHEN RETURNING

Disarming the System

1. Enter your premises through the Entry/Exit door. The keypad will sound a steady tone to remind you to disarm the system before your Entry Delay time expires. The keypad automatically appears.
2. Enter your User Code and tap [Enter]. The Keypad Window will read "**System Ready**", indicating that the system has been disarmed. If you enter an invalid code, the keypad will beep 4 times, signifying an error. Re-enter your code immediately. 10 seconds before Entry Delay expires, the keypad will emit a pulsing warning tone.

Alarm Indication / Silencing an Alarm

If "ALARM" is displayed, an alarm occurred while you were out. Proceed with caution! If you suspect that an intruder may still be on the premises, leave immediately and call authorities from a neighbor's telephone.

To silence an audible alarm:

1. At the keypad screen, enter your code and tap [Enter]. After the system is disarmed, the window will continue to display "ALARM" followed by the zone(s) violated.
2. To reset the display, note the zones violated, then tap [RESET].

Ambush (Optional) Your Ambush Code Type is: ❑**TYPE 1** (Prefix) ❑**TYPE 2** (Unique)

My Ambush Code is _____

If an intruder forces you to disarm your system, enter your Ambush Code and tap [Enter]. There are two types of Ambush Codes: **(1)** A 2-digit code (prefix) entered just prior to your normal User Code and **(2)** A separate and unique User Code.

- *Example Type 1 (Prefix):* If your User Code is 1234 and your Ambush Code is 99, tap [9 P] [9 P] [1] [2] [3] [4] [Enter].
- *Example Type 2 (Unique):* If your User Code is 1234 and your Ambush Code is 8899, tap [8 A] [8 A] [9 P] [9 P] [Enter]

Using your Ambush Code will send a *silent alarm* to the central station. The window will display "SYSTEM READY" as if the system were normally disarmed. There will be no indication that a silent alarm has been sent.

ARMING "NIGHT": PROTECTING YOURSELF WHEN SLEEPING

Night Mode: Instant Protection

When retiring for the evening, after all family members are home, you can cancel the entry delay on the Entry Zone(s) and arm the system in "Night Mode" to allow for "Instant Protection". When armed in Night Mode, opening any entry door will cause an immediate alarm.

When arming with instant Night Mode protection, the exit delay will remain in effect, allowing exiting of the premises just after arming. While armed, the window will display "SYSTEM ARMED" ("SYSTEM ARMED I" will display with the GEM-P3200/9600/X255 control panels) and the red colored Banner will read "Night" to indicate *instant protection.*

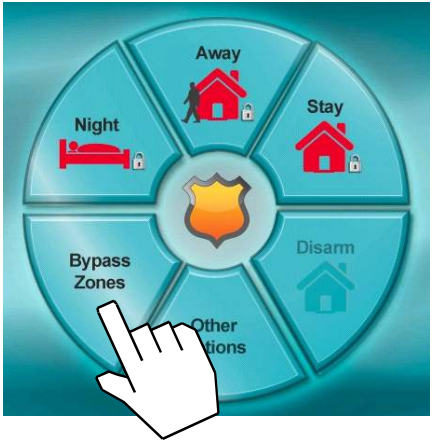
But once armed with instant Night Mode, opening any entry door will cause an immediate alarm.

Tap **Night**.

- If EZ-ARM is enabled: The Exit Delay countdown takes place, during which time you are permitted to leave through the exit door.
- If EZ-ARM is NOT enabled: Enter your code and tap . **Note:** If you enter a wrong code, "**INVALID ENTRY, TRY AGAIN**" will display.

The Keypad Window will display "**EXIT TIME XXX", "PLEASE LEAVE NOW**" (where "XXX" represents the exit time remaining, in 10-second steps).

BYPASSING ZONES



If you attempt to arm with a faulted Zone, a 3-second tone will sound at the tablet. The audible message "**There is a Zone open, please secure and try again**" and the text "**ZONES FAULTED**" will display in the window, indicating that the faulted zone(s) must be secured before the panel can be armed.

If you cannot locate or repair the problem yourself, call your alarm installer for assistance.

If you cannot get immediate help, bypass the problem zone(s) from the system as follows:

Selectively Bypassing Zones

From the Home Screen, tap **Security**, then tap **Bypass Zones**.

Bypass the problem zone(s) from the system by tapping BYPASS, then the zone number (or vice versa).

Note: *Bypassed zones are unprotected*. If armed with zones bypassed, be sure to have the system checked and corrected as soon as possible.

With the problem zone(s) bypassed from the system, you can:

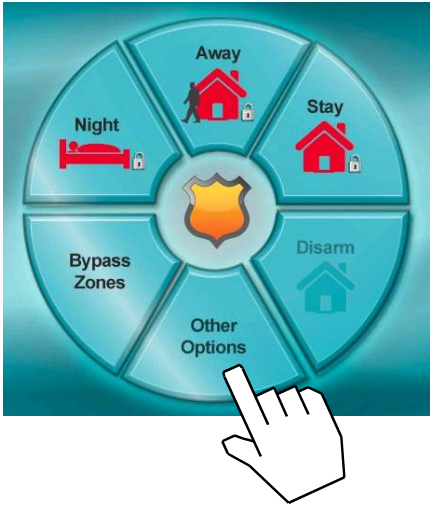
- Arm "Away" (see page 14)
- Arm "Stay" (see page 16)
- Arm "Night" (see page 19)

CAN'T ARM SYSTEM ZONES FAULTED

ZONES FAULTED

BYPASS **BYPASSED**

OTHER OPTIONS



Your IBR-ITAB includes a wide variety of features. Tap **Other Options** to access the following:

- **Keypad Mode:** Tap to open the keypad screen, allowing your IBR-ITAB to behave just like a standard wired keypad, but with the added benefit of the Banner at the top of the screen, providing additional guidance to control system conditions.
- **Zone Directory:** Tap to display a listing of all protected zones in the Area. If needed, tap the up or down arrow buttons (located on the right side) to scroll through the zone directory (required for GEM-P816/1632/1664/3200/9600/X255 panels). If faulted zones exist in your system, the faulted zone will appear in the Keypad Window. To bypass a zone from the system, tap [BYPASS], then the zone number (or vice versa). (**Note:** This function available with GEM-P1632 and GEM-P1664 control panel firmware version 9a or later).
- **Events:** Displays most recent alarm events (history log). Line 1 displays event and date. Line 2 displays time, area and zone. To check previous alarm events, scroll back using the **PRIOR** (**INSTANT**) button.
- **Service:** For installer use only.

FIRE PROTECTION

(Applicable only where local ordinance permits use of this alarm control panel for fire protection.)

FIRE **FIRE ALARM**

Fire-Zone Alarm*

If a fire is detected, "FIRE ALARM" will be displayed and the keypad sounder will pulse. In addition, the "System Trouble" icon will flash.

1. If a fire is in progress, evacuate the premises immediately! If necessary, call the Fire Department from an outside phone.
2. Tap the RESET button to silence the keypad sounder.
3. If there is no evidence of a fire, enter your User Code and tap ENTER to turn off the alarm.
4. Check smoke detector(s). If a smoke detector tripped, its red alarm indicator light will be on.

After the alarm condition is corrected (thermostat cooled down; smoke cleared from detector; etc.), tapping RESET again will reset the keypad within about 10 seconds.

NOTE: When the Fire Zone is reset, the FIRE icon on the left side of the display will go out. If the FIRE icon is still displayed, the fire zone has not been properly reset. If you cannot clear this condition by tapping RESET, call for service.

FIRE TROUBLE

Fire-Zone Trouble*

1. If a problem in the fire-circuit is detected, "FIRE TROUBLE" and the Zone number will display and the sounder will pulse to signal a malfunction. The "System Trouble" icon will flash, and the audible message "System has detected trouble condition" will sound.
2. Tap RESET to silence the sounder. Call for service immediately!

*Exact messages and behavior varies depending on control panel.

FIRE PROTECTION

Preparing a Fire Escape Plan
Even with the most advanced fire alarm system, adequate protection requires an escape plan.

To prepare your plan, draw floor plans of your building. (Space is provided on the next page). Show two exits - a front or back door and a window from each room. (Make sure the window works. You may need a special fire-escape ladder if the window is high up). Write down your outside meeting place.

Family Rehearsal.
Rehearse each of the following activities:
1. Everyone in his room with the doors closed.
2. One person sounds the alarm.
3. Each person tests his door.
4. Pretend the door is hot and use the alternate escape exit.
5. Everyone meets outdoors at the assigned spot.

Important! - Read Carefully
Discuss these escape procedures with all those who use the building:
1. In a residence, sleep with the bedroom door closed. A closed door will hold back deadly smoke while you escape.
2. When the fire alarm signals, escape quickly. Do not stop to pack.
3. Test the door. If it is hot, use your alternate route through the window. If the door is cool, brace your shoulder against it and open it cautiously. Be ready to slam the door if smoke or heat rushes in. Crawl through smoke, holding your breath. Close the doors again on leaving to help prevent the fire from spreading.
4. Go to your specific outdoor meeting place so you can see that everyone is safe.
5. Assign someone to make sure nobody returns to the burning building.
6. Call the Fire Department from a neighbor's telephone.

Would You Like More Safety Information?

For more information on home fire detection, burn safety, and home fire safety, write to the National Fire Protection Association, Public Affairs Dept. 05A, Batterymarch Plaza, Quincy, MA 02269.

FIRE PROTECTION

Floorplan
Draw a plan of your premises in the space provided below.

Floorplan

FIRE PROTECTION

LIMITATIONS OF FIRE ALARM WARNING SYSTEM

Although a fire alarm system may be of a reliable and state-of- the-art design, neither it nor its peripheral detection devices can offer guaranteed protection against fire. Any such equipment may fail to warn for a variety of reasons:

Control panels, communicators, dialers, smoke detectors, and many other sensing devices will not work without power. Battery- operated devices will not work without batteries, with dead batteries, or with improperly-installed batteries. Devices powered solely by AC will not work if their power source is cut off for any reason.

Fires often cause a failure of electrical power. If the system does not contain a working battery backup power supply, and if the electrical circuit feeding the devices is cut or is not providing power for any reason, the system will not detect heat or smoke or provide any warning of a possible fire.

Telephone lines needed to transmit alarm signals to a central monitoring station may be out of service.

Smoke detectors, though highly effective in reducing fire deaths, may not activate or provide early-enough warning for a variety of reasons: (a) they may not sense fires that start where smoke cannot reach them, such as in chimneys, walls, roofs, behind closed doors, etc.; (b) they may not sense a fire on a different level of the residence or building; (c) they have sensing limitations; no smoke detector can sense every kind of fire every time.

Thermostatic heat detectors do not always detect fires because the fire may be a slow smoldering low-heat type (producing smoke); because they may not be near the fire; or because the heat of the fire may bypass them. These detectors will not detect oxygen levels, smoke, toxic gases, or flames. Therefore, they may only be used as part of a comprehensive fire-detection system in conjunction with other devices. Under no circumstances should thermostatic heat detectors be relied upon as the sole measure to ensure fire safety.

Alarm warning devices such as sirens, bells, or horns may not alert someone behind a closed or partially-opened door. Warning devices located on one level are less likely to alert those on a different level. Even those who are awake may not hear the warning if the alarm is obscured by noise from a stereo, radio, air conditioner, or other appliance, or by passing traffic, etc. Alarm warning devices, however loud, may fail to warn the hearing impaired.

Alarm products, as all electrical devices, are subject to component failure. Even though the equipment is designed for many years of trouble-free performance, electronic components could fail at any time.

Above are some of the reasons that fire alarm equipment could fail. The most common cause of an alarm system not functioning when a fire occurs is inadequate testing and maintenance. The system should be tested at least weekly to ensure that all the equipment is working properly.

While an alarm system may make one eligible for lower insurance rates, it is not a substitute for insurance. Homeowners, property owners, and renters are therefore urged to maintain adequate insurance coverage of life and property.

FUNCTION MENU

The keypad can provide access to a wide assortment of utility functions. The functions are displayed in a prompting "YES/NO" format. From the Home Screen, tap **Security**, **Other Options**, **Keypad Mode**, then proceed as follows:

1 To enter the Function Menu, tap [MENU].

- In all UL-listed or high-security installations, a valid User Code must first be entered followed by [MENU].

2 To skip a function, answer NO ([AWAY]) or [MENU].

3 To select and execute a function, answer YES ([STAY]) or [ENTER].

- Functions may be manually scrolled forward or backward using [MENU] and [BYPASS], respectively.
- To return to normal keypad operation, tap the [RESET] button. The keypad will automatically return to its normal operating mode if no activity is detected for longer than one minute.

DISPLAY ZN FAULTS Y/N

Display Zone Faults? Displays the zone number of zones that are not secured. If needed, tap the NEXT and PRIOR Buttons, as displayed on-screen, to scroll faulted zones (required for GEM-P3200/9600/X255 panels. GEM-P816/1632 panels will *auto-scroll*).

DISPLAY ZN BYPASSED Y/N

Display Zones Bypassed? Displays bypassed zones. If needed, tap NEXT ([STAY]) and PRIOR ([AWAY]) to scroll bypassed zones (required for GEM-P3200/9600/X255 panels. GEM-P816/1632 panels will *auto-scroll*).

DISPLAY ZN DIRECTORY Y/N

Display Zone Directory? Displays a listing of all zones in the Area. If needed, tap NEXT ([STAY]) and PRIOR ([AWAY]) to scroll zone directory (required for GEM-P3200/9600/X255 panels. GEM-P816/1632 panels will *auto-scroll*). (**Note:** This function available with GEM-P1632 control panel firmware version 9a or later).

FUNCTION MENU

ACTIVATE SIREN TEST Y/N

Activate Siren Test? Activates the alarm (while disarmed) for about 2 seconds and performs a battery test. If the alarm does not sound, call for service.

- If the battery is low, a "LOW BATTERY E02-00 SERVICE" will appear in the display indicating a low battery condition. Allow 24 hours for the battery to recharge. If the trouble continues, call for service.

SYSTEM TBL Y/N

Display System Troubles? Displays 1- or 2-digit error code along with a description of a problem detected in the system. (See SYSTEM TROUBLE ERROR CODES for a full description of these codes). Use NEXT (STAY) and PRIOR (AWAY) to scroll system troubles. (For GEM-P3200/9600/X255 panels only).

DISPLAY FIRE ALARM Y/N

Display Fire Alarms? Displays alarms that have occurred on the Fire Zone(s). Tap the NEXT and PRIOR Buttons to scroll zones (required for GEM-P3200/9600/X255 panels. GEM-P816/1632 panels will *auto-scroll*).

DISPLAY FIRE TRBL Y/N

Display Fire Troubles? Displays trouble conditions that have been detected on the Fire Zone(s). Use NEXT (STAY) and PRIOR (AWAY) to scroll zones (required for GEM-P3200/9600/X255 panels. GEM-P816/1632 panels will *auto-scroll*).

ACTIVATE CHIME Y/N

Activate Chime? The Chime Mode will sound a tone at the keypad when the programmed zone is faulted while disarmed. To deactivate the Chime Mode, re-enter the Function Mode and when "DEACTIVATE CHIME" is displayed, tap YES (STAY). **Note:** The Chime Mode is disabled while armed.

ACTIVATE WATCH Y/N

Activate Watch Mode? (Optional - Watch Mode programmed? ❑YES ❑NO) This optional feature simultaneously turns on all zones designated as Day Zones, which will cause an indication at the keypad if a zone is opened while the system is disarmed. To deactivate the Watch Mode, arm, then disarm. All Day Zones will revert to regular Burglary Zones. **Note:** The Watch Mode is disabled while armed. (**Note:** This function available with GEM-P9600 and GEM-P3200 control panels only).

FUNCTION MENU

RESET SYS TRBL Y/N

Reset System Trouble? System troubles display and sound at the keypad. Correcting the trouble will clear most indications, however the following error codes will require manual reset: E13; E19; E20 and E22. (See SYSTEM TROUBLE ERROR CODES for a description of error codes.)

RESET SENSOR MSG Y/N

Reset Sensor Watch Failure? (Sensor Watch programmed? ❑YES ❑NO).
Your system may have been programmed for Sensor Watch, a feature which supervises the motion sensors in the system. If a Sensor Watch failure occurs, a System Trouble E22-NN will result, where NN represents the zone number of the sensor in question. To reset, tap RESET to clear the display, enter the Function Menu, scroll to "RESET SENSOR MSG" and tap ENTER. If you cannot correct the problem, call for service. (**Note:** This function available with GEM-P9600 and GEM-P3200 control panels only).

START EXIT TIME Y/N

Start Exit Time? (Optional) (Start Exit Time programmed? ❑YES ❑NO)
In Commercial Burglary systems, exit delay may have been programmed to start after a central-station "ringback" (verification) signal has been received. If the ringback tone has not been received within about 30 seconds after arming, a communication problem may exist. Use this function to start exit delay manually, then exit the premises immediately. Be sure to have your alarm specialist check communications with the central station as soon as possible. (**Note:** This function available with GEM-P9600 and GEM-P3200 control panels only).

FUNCTION MENU

ACTIVATE DIALER TEST Y/N

Activate Telephone Test? (Telephone Test programmed? ❑YES ❑NO). Sends a communicator test to the central station. A communication failure will be indicated at the keypad by a system trouble "E03-FAIL TO COMM" display. Repeat the test to attempt to correct a communication failure, as any successful communication will clear this display.

TO ARM IN 1-4 HRS PRESS 1-4 /N

Delay Arming 1-4 hours. (Not for UL-listed systems). Your system may be set to arm automatically after a delay period of 1 to 4 hours.

To Delay Arm the system:

- With the function "TO ARM IN 1-4 HRS" displayed in the window, enter the desired Delay Arming time in hours ([1], [2], [3], or [4]), followed by [ENTER].

TO DELAY AUTOARM PRESS 1-4 /N

(display for GEM-P3200 / 9600 / X255)

At the end of this 1 - 4 hour Delay Arming period, the siren will sound a 2-second warning and the keypad will begin a 15-minute arming countdown with the sounder pulsing. The sounder may be silenced at this time by tapping [RESET], but it will turn back on with a steady warning tone 1 minute prior to arming, at which time the building must be exited.

The same steps can be used to delay a scheduled Auto Arming, if your system has been programmed as such.

FUNCTION MENU

ACTIVATE PROGRAM Y/N

Activate Program? Activates the Program Mode from Keypad No. 1. **Note:** This feature is disabled while armed. (See PROGRAMMING USER CODES)

ACTIVATE DOWNLOAD Y/N

Activate Download? For installer's use only. If accidentally enabled, tap RESET to exit. **Note:** This feature is disabled while armed.

RELAY CONTROL Y/N

Relay Control? (Relay Control programmed? ❑YES ❑NO).
Turns ON or OFF one or more programmed Relay Groups. Tap to turn the displayed group on or off; tap NEXT (STAY) to proceed to the next group, or PRIOR (AWAY) to scroll back to the previous group. Tap RESET when done. (**Note:** This function available with GEM-P3200/9600/X255 control panels only).

- Relay Group 01: [_____]
- Relay Group 02: [_____]
- Relay Group 03: [_____]
- Relay Group 04: [_____]
- Relay Group 05: [_____]
- Relay Group 06: [_____]
- Relay Group 07: [_____]
- Relay Group 08: [_____]

CENTRAL STATION MONITORING

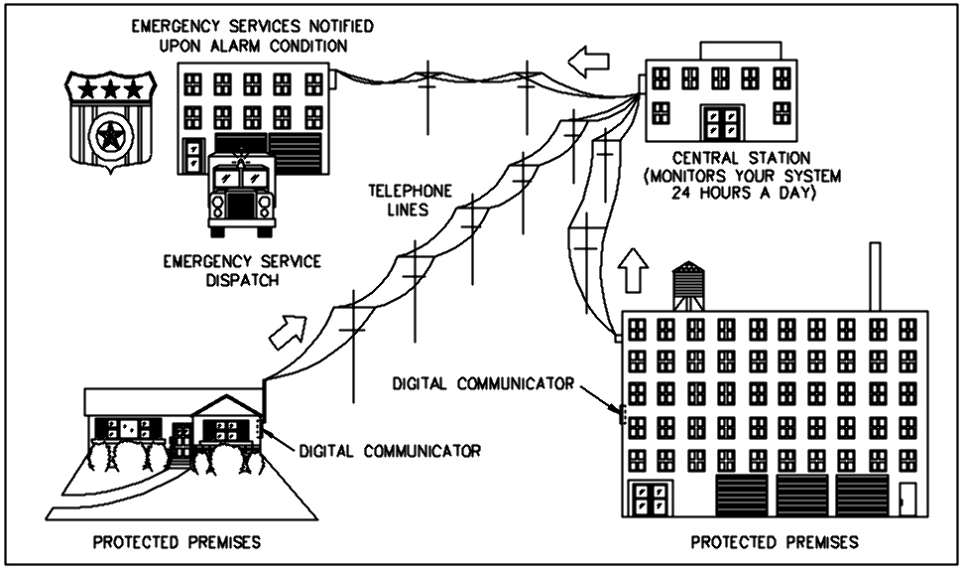
Your alarm specialist may have programmed your system to be monitored by a central station. The built-in digital communicator can transmit emergency signals and status reports to the central station 24 hours a day.

Communicator Features

Abort Delay. Ask your installer which of your zones have Abort Delay, a delay that enables you to reset the system before it communicates to the central station. Your system has a SIA CP-01 required Abort Delay of 30 seconds. It may be removed or increased up to 45 seconds (at your option) by consulting with your installer.

Regular Burglary (Non-24-Hour) Zone reports are aborted by disarming within the delay period. 24-Hour Zones and zones programmed to report restores must be restored first, then the panel armed and disarmed, all within the delay period.

Opening and/or Closing Reporting. Your system can notify the central station every time it is disarmed or armed. Any or all of up to 96 different users can each be identified. If your system reports on arming (Closing Report), the central station will acknowledge arming. This will signal at the keypad as a "ringback" beep. **Note:** If the ringback signal is not heard, call for service.



ADVANCED FEATURES

Security Bypass/Unbypass
(Security Bypass programmed? ❑YES ❑NO).
In high-security applications, zones may be bypassed (or unbypassed) only if a valid code is entered first, as follows:

1. Enter a User Code valid for bypass, then tap [BYPASS].
2. Tap [BYPASS] then the zone number (or vice versa) to deactivate that zone.

Similarly, a bypassed zone may be unbypassed using the same procedure.
(This feature available for GEM-P3200/9600/X255 panels only).

Start Exit Time After Ringback (for Commercial Burglary Systems only)
(Optional - Start Exit Time programmed? ❑YES ❑NO).
If your system reports to a central station, your panel may have been programmed to start exit delay after the central-station ringback (verification) signal. Then, after arming, your system will communicate to the central station. After the central station acknowledges receipt (ringback), exit delay will start. If ringback is not heard within about 30 seconds, a communication problem may exist; call for service. Function 11 (Start Exit Time) may then be used to manually start the exit delay, however reporting capability may be sacrificed. (If your system does not report or the ringback feature was not programmed, exit delay will start as soon as your code is entered. Also note that if an exception window is programmed, and the closing is within that window, no ringback is provided. Ask your alarm professional if this feature is enabled.) (This feature available for GEM-P3200/9600/X255 panels only).

Exit-Delay Restart
(Exit-Delay Restart programmed? ❑YES ❑NO).
On arming, the programmed exit delay will start. After the exit/entry door has been opened and then closed, exit delay will re-start if the door is opened again. The Exit-Delay Restart feature will occur one time only in any arming period. (This feature available for GEM-P3200/9600/X255 panels only).

PROGRAMMING (OPTIONAL)

User Program Mode

Your Installer has programmed into your system a special User Program Code which can be used to not only Arm and Disarm the system, but also to enter the User Program Mode, where you can program other User Codes, Zone Descriptions and also set the system Time and Date. The following explains how you will use this code to program or erase additional User Codes:

Enter the User Program Mode

1. Enter your User Code, then tap [MENU] to enter the Function Mode.
2. Answer NO until "ACTIVATE PROGRAM Y/N" is displayed, then tap YES. "ENTER USER CODE" will display indicating that the system is ready for User Code programming.

Programming / Reprogramming a User Code

1. Enter the digits of the user number to be programmed, followed by [MENU] [MENU]. (Example: For User 4, enter "04 [MENU] [MENU]"). (For the GEM-X255 panel, enter all three digits of the user number).
2. Enter the new User Code. **Note:** User Codes may be up to 6 digits in length.
3. Tap [ENTER] to save the new User Code. Duplicate Codes are not allowed; therefore a duplicate Code entered in the LCD Window will erase when [ENTER] is tapped.

Repeat Steps 1 through 3 for each User Code to be programmed.

Erasing a User Code

1. Enter the digits of the user number to be erased followed by [MENU] [MENU].
2. Tap [*] [0] to erase each digit of the User Code and then tap [ENTER].

Note: The GEM-X255 panel will display users in 3 digits, for example:
001 4567 - -

- Example: Erase User 3's 4-digit User Code: (For the GEM-X255 panel, enter all three digits of the User #).
- Tap [0] [3] [MENU] [MENU] [*] [0] [*] [0] [*] [0] [*] [0] [ENTER].

PROGRAMMING (OPTIONAL)

Reviewing a Programmed User Code

To review an existing User Code, enter the user number and the corresponding User Code will display. (For the GEM-X255 panel, always enter all three digits of the user number).

Exiting the User Program Mode

When you have completed programming or erasing User Codes, tap [RESET] to exit the User Program Mode.

Programming Example:

Program the User 3 Code to "3784".

1. Enter your User Code, followed by [MENU].
2. Answer NO (tap [AWAY]) repeatedly until "ACTIVATE PROGRAM Y/N" is displayed, then tap YES ([STAY]). The display will read: "ENTER USER CODE"
3. Tap [0] [3] for User No. 3, then tap [MENU], [MENU], followed by [3] [7F] [8A] [4]. (For the GEM-X255 panel, enter all three digits of the user number).
4. Tap [ENTER] to save the code. **Note:** Duplicate Codes are not allowed; therefore a duplicate Code entered in the LCD Window will erase when [ENTER] is tapped. Tap [RESET] to exit the Program Mode.

Notes:

- If the system contains more than one keypad, only the keypad designated "No. 1" may be used for programming (if in doubt which is No. 1, ask your installer).
- While in Program Mode, burglar and fire alarm functions are disabled.
- In selecting your codes, do not program repetitive numbers (1111), consecutive numbers (1234), your birth date, address, or other obvious combinations. Choose a code of up to six digits (a minimum of four is recommended, and required in UL installations). If the keypad detects no Program Mode activity for more than about 4 minutes, three short beeps will sound. Tap [RESET] to silence.

PROGRAMMING (OPTIONAL)

Programming Zone Descriptions

The zone descriptions which appear on the keypad display may be programmed using the standard wired keypad in the User Program Mode.

CELL PHONE-STYLE ENTRY			
TAP	CHARACTERS DISPLAYED IN SEQUENCE	HOLD [*] AND TAP	CHARACTERS DISPLAYED IN SEQUENCE
1	ABC1	1	abc1
2	DEF2	2	def2
3	GHI3	3	ghi3
4	JKL4	4	jkl4
5	MNO5	5	mno5
6	PQR6	6	pqr6
7	STU7	7	stu7
8	VWX8	8	vwx8
9	YZ90	9	yz90
0	(SPACE) • - . ( ) , / : ? #	0	(Reserved)

Enter the User Program Mode

1. Enter your User Code, then tap [MENU] to enter the Function Mode.
2. Answer NO (tap [AWAY]) until "ACTIVATE PROGRAM Y/N" is displayed, then tap YES ([STAY]).
3. "ENTER USER CODE" will display, tap NEXT ([STAY]) and the keypad will display the Zone 1 Description.

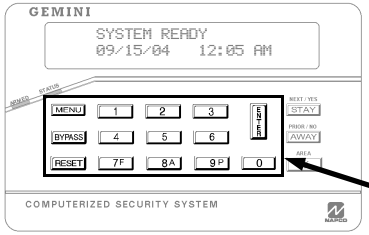
Entering a new zone description (*Cell Phone*-Style Entry)

- Use buttons [MENU] and [BYPASS] to move the cursor under the letter to be changed.
- Tap [0] through [9 P] and [*] to select letters. The first tap will display the first character, the next tap will display the next character. See the table at left and page 36 for more information.
- Use buttons [MENU] and [BYPASS] to move the cursor as needed. Tap [ENTER] to save.

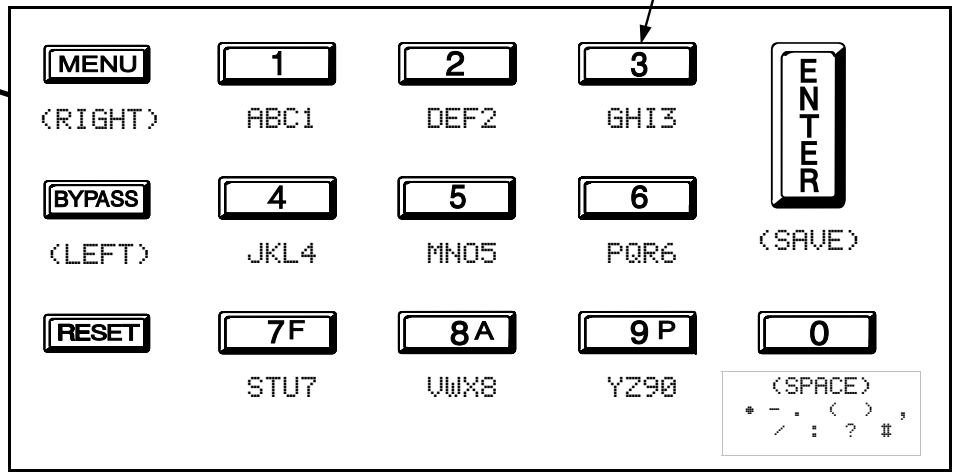
To advance to the next zone (or to any other zone):

- Move the cursor to the displayed zone number (i.e., "01") using [MENU] and [BYPASS].
- Change the zone number using keys [0] through [9 P]. Enter two digits for the zone number (after entering the first digit, the cursor will automatically advance to the second digit). When the second zone number digit is entered, the cursor will automatically advance to the right, allowing the description locations to be entered.
- Always tap [ENTER] to save each zone description.

ENTER ZONE DESCRIPTIONS -- "CELL PHONE STYLE"



EXAMPLE: Repeatedly tap [3] to display "G H I 3" in sequence



CELL PHONE-STYLE ENTRY			
TAP	CHARACTERS DISPLAYED IN SEQUENCE	HOLD [*] AND TAP	CHARACTERS DISPLAYED IN SEQUENCE
1	ABC1	1	abc1
2	DEF2	2	def2
3	GHI3	3	ghi3
4	JKL4	4	jkl4
5	MNO5	5	mno5
6	PQR6	6	pqr6
7	STU7	7	stu7
8	VWX8	8	vwx8
9	YZ90	9	yz90
0	(SPACE) • - . ( ) , / : ? #	0	(Reserved)

Use [MENU] and [BYPASS] buttons to move the cursor as needed. Tap [ENTER] to save.

Hold [*] and tap the number to display lowercase letters in sequence.

PROGRAMMING (OPTIONAL)

Programming the system Date and Time.

The User Program Mode may also be used to set the system Date and Time which display on the keypad.

Enter the User Program Mode

1. Enter your User Code, then tap [MENU] to enter the Function Mode.
2. Answer NO ([AWAY]) until "ACTIVATE PROGRAM Y/N" is displayed, then tap YES ([STAY]).
3. "ENTER USER CODE" will display, tap NEXT ([STAY]) until the keypad displays the "Enter Date" screen.

Programming the Date

1. At the Enter Date screen, simply punch in the correct date using the numeric keypad buttons.
   ☞ For example, for July 29, 2018, enter: [0] [7F] [2] [9P] [1] [8A]
2. Tap [Enter-Arm] to save the Date.

Programming the Time

After entering in the Date, tap NEXT ([STAY]) for the Time Entry screen.

1. At the Enter Time screen, simply punch in the correct time using the numeric keypad buttons and if necessary, tap any numeric button to change the AM display to PM (or vice versa).
   ☞ For example, for 6:30 PM, enter: [0] [6] [3] [0] ([0] if necessary)
2. Tap [Enter-Arm] to save the Time.

KEYPAD MESSAGES

The keypad can display the following functional messages. Other diagnostic messages are available for the installer or servicer. Should any unfamiliar messages appear, call your dealer for service.

SYSTEM READY C **(DATE) (TIME)**	All zones operating; system can be armed. If displayed, "C" denotes Chime Mode on. (**Note:** This message may have been customized by your installer.)
PLEASE WAIT **FOR RINGBACK**	Panel reporting to central station on arming. If necessary, wait for ringback signal before exiting.
EXIT TIME XXX **PLEASE LEAVE NOW**	Exit delay in progress. XXX denotes exit time remaining, in seconds. If displayed, "S" indicates Service Code active; "I" indicates arming with Instant protection.
ENTRY TIME XXX **DISARM NOW**	Entry delay in progress. XXX shows entry time remaining, in seconds.
ARMED STAY I **(DATE) (TIME)**	System armed. With the GEM-P3200/9600/X255 panels, the "I" indicates arming with Instant protection.
ZONES FAULTED	Zones not secured (doors or windows may be open). Faulted zone(s) will scroll.
ZONES NOT NORMAL **CAN'T ARM SYSTEM**	Arming attempted with faulted zone. The display will scroll the zone faults. Secure the zone(s) and arm system.
DAY ZONE TRBL	(With pulsing sounder). Trouble condition on a Day Zone (followed by one or more zone descriptions). Tap the RESET button to silence sounder.

KEYPAD MESSAGES

******ALARM******	Alarm condition, followed by zone description(s). "ALARM" and zones will display after system is disarmed. Note zones, then tap [RESET] to clear keypad.
*****FIRE TRBL*****	*(With pulsing sounder.)* Trouble condition on a Fire Zone. Tap [RESET] to silence sounder. Correct trouble or call for service.
*****FIRE ALARM*****	*(With pulsing sounder.)* Alarm condition on a Fire Zone. Tap [RESET] to silence sounder. Evacuate premises or correct cause of alarm.
CODE DENIED INCORRECT AREA	*(For partitioned systems only)*; code not valid for area.
INVALID ENTRY TRY AGAIN	Wrong code entered.
CAN'T ARM SYSTEM/ AREA # IN TROUBLE	*(In Manager's Mode.)* Arming prevented due to unsecured zone. "#" represents number of area with unsecured zone. Tap the area number, then the [✳] button, then [ENTER] to view zones in that area. Correct problem, then arm as normal. (For GEM-P1632/1664/3200/9600/X255 panels only).

KEYPAD MESSAGES

ATTEMPTING TO CANCEL	The system is in the process of reporting a cancel signal to central station which will cancel the alarm which it has just reported.
ALARM CANCELED	The alarm signal has been cancelled during the Abort Delay (before an alarm signal report was sent to the central station). If cancelled after the alarm signal report was sent, this message appears when the system receives an acknowledgment from the central station of the cancellation of the alarm signal.
SYSTEM TROUBLE	Indicates problem(s) detected on system. (See examples below and *SYSTEM TROUBLE ERROR CODES* for a complete list of system troubles and corrective actions.)
AC POWER FAIL **E01-00 SERVICE**	Check power transformer. Check for blown fuse or circuit breaker; general power outage.
LOW BATTERY **E02-00 SERVICE**	Battery weak. If not recharged within 24 hours, replace battery.
COMM FAIL **E03-00 SERVICE**	Communication failure to central station.

USING THE ONSCREEN KEYBOARD

Standard Keyboard

The "Standard" onscreen keyboard allows you to type text, numbers and other characters. With some applications, the onscreen keyboard opens automatically; most other applications (such as in the **Caption** popup shown at right) require you to tap a text field to open the keyboard.

Shift
Tap twice (or press and hold) for ALL CAPS (light turns on)

Symbols
Tap to switch to the numbers and symbols keyboard (see next page for more options)

Tap to save when finished typing

Backspace
(Moves cursor one column to the left, deleting the character in that position)

Enter
("Return key") Tap to end a paragraph

Period
Press and hold to open a small window with a set of common symbols

USING THE ONSCREEN KEYBOARD (CONT'D)

Numbers and Symbols
On the "Standard" keyboard shown on the previous page, tap the "**?123**" key and switch to the "Numbers and Symbols" keyboard shown below.

Tap to save when finished typing

Backspace
(Moves cursor one column to the left, deleting the character in that position)

ALT
Tap for additional symbols shown on next page (light turns on)

ABC
Tap to switch back to the "Standard" keyboard (shown on previous page)

Enter
("Return key") Tap to end a paragraph

Period
Press and hold to open a small window with a set of common symbols

USING THE ONSCREEN KEYBOARD (CONT'D)

Additional Symbols
On the "Numbers and Symbols" keyboard shown on the previous page, tap the unlit "**ALT**" key and switch to the "Additional Symbols" keyboard shown below (**ALT** key is lit).

ALT
Tap to return to the "Numbers and Symbols" keyboard shown on previous page (light turns off)

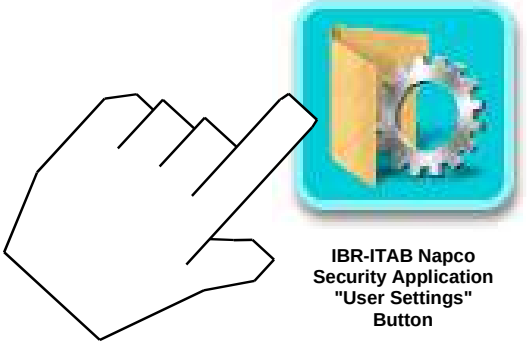
ABC
Tap to switch back to the "Standard" ALL CAPS keyboard

Tap to save when finished typing

Backspace
(Moves cursor one column to the left, deleting the character in that position)

Enter
("Return key") Tap to end a paragraph.

USER SETTINGS MENU



IBR-ITAB Napco Security Application "User Settings" Button

Tablet
- Date and Time
- Display
- Screensaver Options
- Sound
- Touch Screen Calibration

Video
- Camera List
- Discover All Cameras

Home
- Time Enable
- Weather Options

Z-wave

Remote Login

Wi-Fi Option

Voice

App Version

Reconnect

SETTINGS MENU ICONS

"TOP OF SCREEN" ICONS

When in the **Settings** menu, several active (touchable) icons appear at the **top** of IBR-ITAB screen:

Go Back to Previous Screen: Tap to return to the previous menu level; if currently in the **Settings** menu, returns to the Home Screen.

Specialized Menu: Opens specialized menu buttons that appear at the bottom of the screen. Buttons are unique for each applications (specialized menu buttons are not available within all applications).

USB in Use: Indicates the USB Socket located on the side of the IBR-ITAB is in use (thumb drive, portable hard drive, memory stick, etc.). Note: This USB Socket is for data transfer only (NOT for charging).

Android: Appears when the Android operating system is in use.

Signal Strength Indicator: Displays the wireless signal power between the IBR-ITAB and the IBR-WIFI-MOD control panel interface module. Note the indicator displays 3 bars; the more bars that are lit, the stronger the wireless signal.

Battery Charging: The IBR-ITAB is correctly connected to its charging station and its integral battery is charging.

Battery Charged: The IBR-ITAB is removed from its charging station and is operating on integral battery power only; battery is fully charged.

Battery 1/2 Full: Battery is approximately half drained.

Battery Almost Drained: Battery is almost depleted, reconnect to charging station as soon as possible.

Device Options: Tap to open a popup with the following selections: **Screen lock** powers down the IBR-ITAB display while the IBR-ITAB remains in operation (press the Back / Power button to resume); **Reboot** restarts the IBR-ITAB; **Power off** turns off the IBR-ITAB.

Date and Time:

Automatic: When checked to enable, retrieves IBR-ITAB date/time data automatically from network resources. When enabled, the next three selections are ghosted ("grayed out" and not selectable).

Set date: Tap to open a dialog that allows the month, day and year to be manually set in the IBR-ITAB. **Note:** The "Automatic" menu selection (above) must be unchecked to enable this menu item.

Select time zone: Tap to select a time zone to be used in the IBR-ITAB. **Note:** The "Automatic" menu selection (above) must be unchecked to enable this menu item.

Set time: Tap to open a dialog that allows the current time to be manually set in the IBR-ITAB. **Note:** The "Automatic" menu selection (above) must be unchecked to enable this menu item.

Use 24-hour format: Check to display 24-hour military time, as measured in hours numbered to twenty-four from one midnight to the next. For example, 3:23 pm would be displayed as "15:23".

Select date format: Tap to open a dialog that allows the selection of the following date formats:

- Normal (12/31/2011) (Month/Day/Year)
- 12/31/2011 (Month/Day/Year)
- 31/12/2011 (Day/Month/Year)
- 2011/12/31 (Year/Month/Day)

Display - Allows changes to the IBR-ITAB display screen.

Brightness: Tap to open a sliding status bar control. Increase or decrease the screen brightness by sliding your finger left or right across the status bar.

Auto-rotate screen: Not used.

Animation: Tap to open a pull-down menu where you can select "**No animations**" to disable all optional animation effects, "**Some animations**" to enable animated transitions for some effects, or "**All animations**" for all supported effects including screen to screen navigation attributes. **Note:** The "**No animations**" setting does not control animation in all applications.

Screen timeout: Specifies how much user idle time (IBR-ITAB is operational but not being used) must elapse before the screen turns off. The default setting is "never". **Note:** When this feature is enabled and the screen dims, the IBR-ITAB also enters "sleep

mode", an inactive state to save power. To re-awaken, touch any non-screen button. Screen time-out selections include 15 seconds, 30 seconds, 1 minute, 2 minutes, 10 minutes, 30 minutes and never.

TV Mode: (Reserved for future use)

TV Resolution: (Reserved for future use)

TV HDCP: (Reserved for future use)

Screensaver Options - IBR-ITAB screen options that activate after a selected user idle time duration (IBR-ITAB is operational but not being used).

Screen dim timeout: Reduces the IBR-ITAB screen brightness to zero (dark) after the selected duration ends and the idle time duration begins (15 or 30 seconds, 1, 2, 5, or 20 minutes). To disable the screen dim feature, select "Never Timeout". **Note:** When this feature is enabled and the screen dims, the IBR-ITAB also enters "sleep mode", an inactive state to save power. To re-awaken, touch the screen. *This feature will automatically wake up when an entry delay or alarm is detected.*

Screen Darkness: Allows the selection of darkness percentage after the screen dim timeout duration starts. Often used in bedroom locations. Selections range from 0% (no dim/bright) to 100% (fully dim to black) in 10% increments.

Sound - Controls sound intensity and feedback settings.

Volume: Tap to open a dialog containing sliding status bar controls to set the **Media** volume, **Alarm** volume and **Notification** volume intensity.

Audible selection: Check to play a sound when certain icons, keys, buttons and other onscreen items are touched.

Screen lock sounds: Check to play sounds when the IBR-ITAB display screen is locked or unlocked.

Haptic feedback: Check to briefly vibrate the IBR-ITAB when certain icons, keys, buttons and other on-screen items are touched (unavailable with some models).

Touch Screen Calibration - Tap to start the IBR-ITAB's internal touch screen calibration process that directly defines the boundaries of the sensor areas within the IBR-ITAB's touch screen. When the calibration process starts, simply tap the light blue cross ("+") that ap-

pears on the touch screen. Each time the cross is tapped, it re-appears at a different location on the screen; tap the cross each time it re-appears on the screen until the calibration process ends and the System Settings menu selections re-appear.

Note: The Touch Screen Calibration screen can be entered at any time by pressing and holding the "Home" button at the top edge of the IBR-ITAB (the far right button of the 4 buttons along the top of the housing).

USER SETTINGS > VIDEO

Use the **Video** menu to make changes to the video data settings received by the IBR-ITAB.

Camera List - Displays a list of all active video cameras in your system.

Discover All Cameras - Initiates the network scanning process that discovers all cameras attached to the iBridge network. Upon discovery, the video for the discovered cameras will be available for display from the IBR-ITAB Home Screen (**Video** button).

USER SETTINGS > HOME

Time Enable - Check to enable the IBR-ITAB to display the time on the Home Screen. Also automatically corrects for Daylight Saving Time.

Weather Options - Local weather reports can be displayed on the Home Screen.

Refresh Frequency: Tap to set how often to automatically update the weather report feed. Selections include 5, 10, 15, 20, 30, 40, 50, 70, 80, 90 and 100 minutes. More frequent updates increase data use and slightly decrease battery life between charges.

Weather Feed: Check to display a weather report feed on the Home Screen. Uncheck to remove the weather feed from the Home Screen. **Note:** To customize the weather report feed to a particular Zip Code, see the following menu entries below.

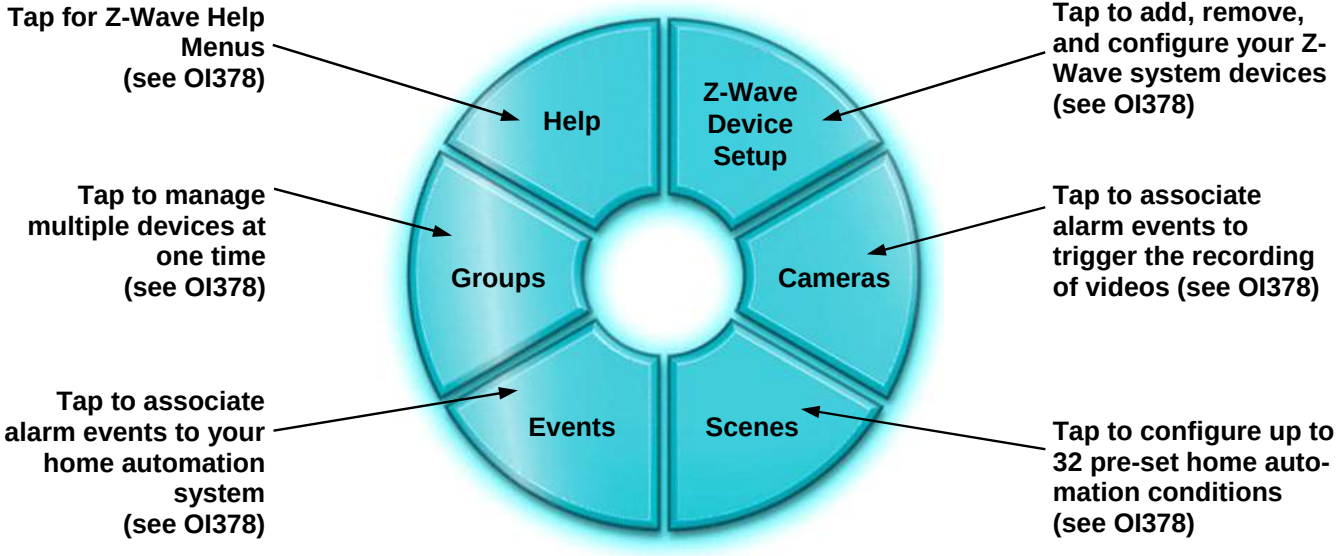
Zip code entry: Check to associate the weather report feed to the area of the United States specified by the **Zip Code** entered in the field below. Uncheck to disassociate the weather feed from this Zip Code.

Zip Code: Tap to set the Zip Code to which the Weather Feed is associated.

Update Z-Remote Clock - Synchronizes the IBR-ZREMOTE module internal clock with the same time as the IBR-ITAB.

USER SETTINGS > Z-WAVE

Tap the **User Settings** button, then tap **Z-Wave*** to open the **Automation Management** screen.


Tap for Z-Wave Help Menus (see OI378)
Help
Z-Wave Device Setup
Tap to add, remove, and configure your Z-Wave system devices (see OI378)
Tap to manage multiple devices at one time (see OI378)
Groups
Cameras
Tap to associate alarm events to trigger the recording of videos (see OI378)
Tap to associate alarm events to your home automation system (see OI378)
Events
Scenes
Tap to configure up to 32 pre-set home automation conditions (see OI378)

*If not enabled, see contact your security dealer

USER SETTINGS > REMOTE LOGIN, WI-FI OPTION, VOICE, APP VERSION

Remote Login - Allows secure access to your system through a network outside of your home network. **Note:** This setting only appears for the model IBR-ITAB, and will not appear for the model IBR-ITAB-HW.

You do not need to be at home to access your alarm system, your Z-Wave devices or your video cameras. You can access all parts of your system using any web-enabled device, including your web-enabled IBR-ITAB itself.

To allow secure access to your system through a network outside of your home network (for example at a café or other web-enabled location), the **User Settings** > **Login** screen allows a **Username**, **Password** and **Display Name** to be required before a connection outside of your home network is permitted.

Thus if the IBR-ITAB is lost or misplaced, access to your home system via an external network will be restricted.

To automatically save the **Username**, **Password** and **Display Name** within the IBR-ITAB to allow automatic login to your home network via any outside network, simply check the **Save Password** checkbox, then tap **Save**. To discard all data and exit without saving a **Username**, **Password** or **Display Name**, tap **Clear**.

Wi-Fi Option - Check to enable the wireless connection between the IBR-ITAB and the IBR-WIFI-MOD. Uncheck to manually disable the wireless connection. **Note:** This menu selection appears within other **Android Settings** menu selections.

Voice - Check to enable voice annunciation of security system status. For example, if this feature is enabled (checked), when arming the security system in STAY mode, the IBR-ITAB will annunciate "*Arming in STAY mode*" when the **STAY** button is tapped.

App Version - Displays the version of the Napco Security Application currently installed within the IBR-ITAB.

Reconnect - Tap to break the wireless connection between the IBR-ITAB and ISEE-WAP and attempt to reestablish the wireless connection.

IBR-ITAB "VIDEO" BUTTON

If your system has video cameras, tap the **Video** button to view real-time video feed for up to four (4) cameras.

You can tap one of the images to enlarge, or tap one of the four buttons located at the right side of the screen:

IBR-ITAB "Video screen"

Home - Tap to go to the IBR-ITAB Home Screen.

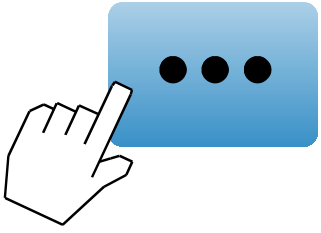
Emergency Buttons - Tap to signal a Fire, Police or Auxiliary (for example, medical) emergency. Only available if programmed, then always active.

Camera Discovery - Tap to initiate the network scanning process to find all cameras attached to the iBridge network.

Refresh - Tap to refresh the images (i.e. manually requesting the latest video feed from the network).

Video Tools - Jumps directly to the **User Settings** > **Video** menu, to allow changes to the video data settings received by the IBR-ITAB.

IBR-ITAB "APPLICATIONS" BUTTON



Tap the **Applications** button to access the software programs installed on your IBR-ITAB. Some programs are pre-installed at the factory, including:

Browser: Tap to open a web browser application, to access the Internet.

IBR-ITAB "Applications screen"

Calculator: Tap to perform basic arithmetic operations, including addition, subtraction, multiplication and division.

Gallery: Tap to open a GUI that allows you to view image files stored on your IBR-ITAB. Tap the "**Set as**" icon to crop your image file, tap **Share** (requires appropriate file-sharing software to be installed in your IBR-ITAB), or tap **Delete** the remove the file from your IBR-ITAB.

Napco: Tap to log into your iSee Video site, allowing remote high-resolution streaming video Internet monitoring. See your alarm dealer or www.napcosecurity.com/video.html for more information.

Settings: Tap to enter the dealer **User Settings** menu (**User Settings** > **Tablet** > **Android Settings** menu), as detailed earlier in this manual.

Touch Calibrator: Opens the **Touch Screen Calibration** utility. Tap to start the IBR-ITAB's internal touch screen calibration process that directly defines the boundaries of the sensor areas within the IBR-ITAB's touch screen. When the calibration process starts, simply tap the light blue cross ("+") that appears on the touch screen. Each time the cross

is tapped, it re-appears at a different location on the screen; tap the cross each time it re-appears on the screen until the calibration process ends and the System Settings menu selections re-appear.

Voice Recorder: Tap to open the digital audio recorder; tap the **Record** button to begin recording, then tap **Stop** to name and save the digital audio file. Once saved, the file can be tapped to open a selection of operations, including:

- **Play**: Tap to play the audio recording using the IBR-ITAB's speaker.
- **Send**: Tap to email the file if the appropriate email application software is installed in your IBR-ITAB.
- **Ringtone**: If a telephone application is installed, tap **Phone** to assign the audio file to play as the audible sound made by an incoming telephone call, or tap **Notification** to assign the audio file to play for incoming messages or other IBR-ITAB alerts.
- **Edit Title**: Tap to rename the audio file name.
- **Delete**: Tap to remove the file from your IBR-ITAB.

GLOSSARY

Following are brief descriptions of terms and features used herein that may be unfamiliar to you. Some of the features are programmable options that may or may not apply to your particular system.

Abort Delay - A delay period that allows the control panel to be reset, thus aborting a report to a central station.

Access Code - A code (up to 6 digits) used to remotely unlock a door.

Ambush Code - A code entered when forced to disarm. Sends a silent alarm to the central station with no indication at the keypad. There are two types: (1) A 2-digit code (prefix) entered just prior to your normal User Code and (2) A separate and unique User Code used in place of your normal User Code.

Area - Some systems may be divided, or partitioned, into smaller independent subsystems, which are referred to as Areas. Each Area may be controlled by its own keypad or by a keypad of a different Area through Managers Mode.

Arming/Disarming - Turning the system on/off by entering your code at the keypad, then tapping ENTER.

Battery - Backup power source in the control-panel enclosure to provide protection in the event of a power failure.

BYPASS Button - Enables you to manually remove one or more protective zones from the system.

Central Station - Monitors incoming reports and emergency messages from a digital communicator and notifies the proper authorities.

Chime - A keypad beep while disarmed alerting that the programmed zone has been opened.

Closing Window - (Optional.) A time interval within which closing (arming) is permitted without reporting to the central station.

Communicator - Reports intrusions, emergencies, openings, closings, etc. directly to the central station over telephone lines.

Control Panel - The brain of the system, it controls all system functions.

Directory - A listing of the programmed zone descriptions stored in memory.

Easy Arming - Quick arming by tapping ENTER (optional).

GLOSSARY (CONT'D)

Exit/Entry Delays - Separate delays that let you exit and enter your premises without setting off an alarm when the system is armed.

Instant Protection - Arming without entry delay using the AWAY button while remaining on the premises.

Keypad - Puts control-panel functions at your fingertips. It can be mounted anywhere in your premises.

Manager's Mode - In a partitioned system, a low-security operating mode that allows arming by area.

Panic Buttons - Used to signal a Fire, Police or Auxiliary emergency (for example, a medical emergency).

Partitioned System - A system that has been subdivided into two or more (up to eight) independent subsystems (areas).

Pre-Alarm Warning - A keypad sounder alert of an impending alarm. This option is programmable by zone for the same duration as that programmed for Abort Delay (see Abort Delay).

Report - A transmission to a central station notifying of a change in the status of the system (alarm, trouble, low battery, etc.).

RF Low Battery - (Wireless systems only) Weak transmitter battery.

RF Check In - (Wireless systems only) Periodic test report from transmitter (if a report is not received on time, a supervisory-failure system trouble will result).

Ringback - A beep after arming verifying the central-station's receipt of a closing report.

Service Code - A code intended for temporary use.

Sounder - A local warning device at each keypad to alert that (a) entry delay has started; (b) an attempt was made to arm with a zone in trouble; (c) a Day-Zone condition exists (see Zones: Day Zone); (d) 10 seconds exit time remaining; (e) invalid code entered; or (f) central station acknowledged arming (see Ringback).

System Trouble - A problem (low battery, power failure, etc.) detected in the system.

Trouble - A zone fault; an open door, window, or other problem that may prevent arming.

User Code - Your personalized code for arming and disarming the system. It may contain up to six digits.

GLOSSARY (CONT'D)

Zones - Independent circuits that protect specific areas of the premises:

Auto-Bypass Zone: A zone that will be automatically bypassed from the protection system if it is in trouble (faulty) when the system is armed.

Burglary Zone: Detects intrusion.

Day Zone: A zone that will cause a visual and audible indication at the keypad if it is in trouble while disarmed.

Exit/Entry Follower Zone: Provides exit and entry delay for interior devices. Entry delay only occurs if re-entry takes place through the normal exit/entry door first.

Fire Zone: Detects fire alarms or trouble conditions.

Interior Zones: Circuits within the premises, usually including space-protection devices, interior doors, etc.; but not exterior doors or windows. These can all be bypassed simultaneously using the STAY button.

Priority Zone: A zone that prevents arming if in trouble.

Priority Zone with Bypass: A Priority Zone that can be bypassed using the RESET button.

Selective-Bypassed Zone: A zone that can be individually bypassed using the BYPASS button.

24-Hour Zone: A zone that is armed and ready at all times to respond to an emergency situation.

SYSTEM TROUBLE ERROR CODES

Your control panel is capable of detecting a variety of troubles that may affect system performance. In the unlikely event that a problem should occur, the SYS TBL (system trouble) icon will display on the left side of keypad window along with one or more of the following error codes. If the problem is related to a specific zone or device, the corresponding number will also be indicated. Below is a list of the most common troubles along with the necessary corrective action, if any. If a message appears that is not listed below, call your security professional for service. When a system trouble occurs, the keypad can be silenced and the display can be cleared by tapping [RESET]. The system can then be armed and disarmed as usual.

Note: If you cannot clear a system trouble yourself, call installing company for service as soon as possible.

Trouble Indication	System Trouble Condition	Action
E01-00	AC Power Failure	This trouble will occur if AC power is not present. Make sure system transformer is plugged into AC receptacle and check the circuit breaker, otherwise call installing company for service.
E02-00	Low Battery	If there has been a recent power failure, the battery may be partially depleted and must be recharged by the control panel. The control panel performs an automatic daily test of the battery, at which time the trouble will clear if the battery has been recharged. If the trouble does not clear in 24 hours, call installing company for service.
E03-00	Communication Failure	The system was not able to report to central station. If this is due to a temporary interruption in the telephone service, the trouble can be cleared when the service is restored by performing a Communication Test: 1 While disarmed, enter your User Code followed by [MENU]. 2 Answer NO ([AWAY]) until "ACTIVATE DIALER TEST" appears in the window. 3 Tap YES ([STAY]) to send a test signal to the central station. If the trouble continues, call installing company for service.

SYSTEM TROUBLE ERROR CODES (CONT'D)

Trouble Indication	System Trouble Condition	Action
E04-NN	Wireless Transmitter Supervisory Failure	A problem has been detected with a wireless transmitter. Call installing company for service
E05-NN	Wireless Transmitter Low Battery	The battery in a wireless transmitter is low and should be replaced. This transmitter is on the zone corresponding to the number NN. The replacement battery for the GEM-TRANS2 door/ window transmitter, GEM-PIR motion detector and GEM-GB glass break detector is the Duracell DL123A 3 volt lithium. (2 required for the GEM-PIR and GEM-GB.) The replacement battery for the GEM-SMK is the Duracell MN1604 9 Volt Alkaline (2 required). The GEM-DT Dual Technology Sensor requires 4 C cell alkaline batteries. *Warning: Replace batteries only with the same type as specified above. Use of another battery may present a risk of fire or explosion. Do not recharge or disassemble battery, or dispose of in fire.*
E06-NN	Receiver Response Failure	Call installing company for service.
E07-00	Download Failure	Call installing company for service.
E08-00	Telephone Line Cut	The telephone line has failed. If telephone service has been temporarily interrupted, the trouble will clear automatically when it is restored. Otherwise, call installing company for service.
E09-00	System Cold Start	--

SYSTEM TROUBLE ERROR CODES (CONT'D)

Trouble Indication	System Trouble Condition	Action
E10-NN	Keypad Response Failure	Call installing company for service.
E11-NN	Keypad Tamper	A keypad has been removed from the wall. Call installing company for service if problem cannot be repaired.
E12-NN	Expansion Zone Module Response Failure	Call installing company for service.
E13-NN	Expansion Module Tamper	The cover has been removed from a zone expansion module. A problem has been detected with an Expansion Module. Call installing company for service.
E14-NN	Relay Board Response Failure	NN= Relay Board Number. Call installing company for service.
E15-NN	RF Transmitter Tamper	Wireless Transmitter Tamper Cover removed. NN=Transmitter Number. Call installing company for service.
E16-NN	Wireless Receiver Jam	A problem has been detected with the wireless receiver. Call installing company for service.
E17-NN	Receiver Tamper Condition	Call installing company for service.
E18-NN	KeyFob Transmitter Low Battery	The batteries (2) in the wireless KeyFob transmitter indicated are low and should be replaced. The replacement battery is the #386 watch battery. *Warning: Replace batteries only with the same type as specified above. Use of another battery may present a risk of fire or explosion. Do not recharge or disassemble battery, or dispose of in fire.*

SYSTEM TROUBLE ERROR CODES (CONT'D)

Trouble Indication	System Trouble Condition	Action
E19-00	User Program Memory Error	Call installing company for service.
E20-00	Dealer Program Memory Error	Call installing company for service.
E21-00	System Shutdown	Call installing company for service.
E22-NN	Sensor Watch Activity Failure	A Motion Sensor on the zone indicated has failed the programmed Sensor Watch activity test. Insure that the sensor is able to detect activity in the area; clear any obstacles which may be blocking the sensor from detecting activity. Tap [RESET] to clear the display, and then use the Function Menu to Reset Sensor Watch Failure (see page 28). If you cannot correct the problem yourself, call installing company for service.
E23-00	Burglary Bus Failure	Call installing company for service.
E24-00	Service Message	The system is in need of a preventive maintenance service call. Call installing company for service.
E27-00	Printer Failure	Call installing company for service.
E39-00	Receiver Capacity Error	Call installing company for service.

SYSTEM TROUBLE ERROR CODES (CONT'D)

Trouble Indication	System Trouble Condition	Action
E40-00	RF Self Test Failure	A wireless motion sensor on the zone indicated has failed its automatic self test routine. Call installing company for service.
E41-NN	Fire Trouble	A problem has been detected on the Fire zone indicated. Call installing company for service. (GEM-P1632 and GEM-P816 panels only).
E51-00	Bell/Siren Trouble	There is a problem with the Bell or Siren. Call installing company for service.
E58-00	Telemetry Trouble	Call installing company for service.
E59-00	Telemetry Failure	Call installing company for service.
E66-00	Dirty Smoke Detector	"Clean Me" indication (Smoke Detector dirty). Call installing company for service.
E99-00	Keypad Panic Shorted too Long	Call installing company for service.

TROUBLESHOOTING

What do I do if...	For more info...
I try to arm my system but the keypad just displays “ZONES FAULTED” and “CAN’T ARM SYSTEM” and beeps at me.	
A zone is open. Find and secure the open window or door.	*See Page 14*
I try to arm my system but the keypad displays “SYSTEM TROUBLE” and beeps at me. The Error Codes numbers are displayed.	
A System Trouble has been detected. Note the scrolling error codes, which represent the trouble. Tap [RESET] *and you will now be able arm to the system, but the trouble must be fixed as soon as possible.*	*See Page 20 & 28*
The Fire Alarm is sounding and I don’t know how to turn it off.	
If a fire is in progress, evacuate the premises immediately! If necessary, call the Fire Department from an outside phone. If there is no evidence of a fire, enter your code and tap [Enter] *to silence the alarm. Note the Zone Number displayed. Check the smoke detector(s). If a smoke detector tripped, its red alarm indicator light will be on. Tap* [RESET] *to silence the keypad sounder.*	*See Page 22*

NOTES

NOTES

COPYRIGHT & TRADEMARKS

Napco Security Technologies, Inc.
333 Bayview Avenue
Amityville, New York 11701
For Sales and Repairs, (800) 645-9445
For Technical Service, (800) 645-9440 or visit us at http://tech.napcosecurity.com/
(**Note:** Technical Service is for security professionals only)
Publicly traded on NASDAQ Symbol: NSSC
www.napcosecurity.com

Certain features, services and applications are network dependent and may not be available in all areas; additional terms, conditions and/or charges may apply. Contact your Internet service provider for details. All features, functionality, and other product specifications, as well as the information contained in this guide, are based upon the latest available information and believed to be accurate at the time of printing. Napco reserves the right to change or modify any information or specifications without notice or obligation. **Note:** The diagrams and images in this guide are provided for illustrative purposes only.

Important: Microsoft® and Windows® are trademarks the Microsoft Corporation. All other trademarks, service marks, and product or service names described in this manual are for identification purposes only and may be trademarks or registered trademarks of their respective owners. *The absence of a name or logo in this document does not constitute a waiver of any and all intellectual property rights that Napco Security Technologies, Inc. has established in any of its product, feature, or service names or logos.*

Caution: Napco does not take responsibility for changes/modifications to the transceiver.

© NAPCO 2013 All rights reserved.

NAPCO LIMITED WARRANTY

NAPCO SECURITY SYSTEMS, INC. (NAPCO) warrants its products to be free from manufacturing defects in materials and workmanship for thirty-six months following the date of manufacture. NAPCO will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

This warranty shall not apply to any equipment, or any part thereof, which has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to acts of God, or on which any serial numbers have been altered, defaced or removed. Seller will not be responsible for any dismantling or reinstallation charges.

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, THIS WARRANTY IS IN LIEU OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF NAPCO.

Any action for breach of warranty, including but not limited to any implied warranty of merchantability, must be brought within the six months following the end of the warranty period.

IN NO CASE SHALL NAPCO BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT.

In case of defect, contact the security professional who installed and maintains your security system. In order to exercise the warranty, the product must be returned by the security professional, shipping costs prepaid and insured to NAPCO. After repair or replacement, NAPCO assumes the cost of returning products under warranty. NAPCO shall have no obligation under this warranty, or otherwise, if the product has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to accident, nuisance, flood, fire or acts of God, or on which any serial numbers have been altered, defaced or removed. NAPCO will not be responsible for any dismantling, reassembly or reinstallation charges.

This warranty contains the entire warranty. It is the sole warranty and any prior agreements or representations, whether oral or written, are either merged herein or are expressly canceled. NAPCO neither assumes, nor authorizes any other person purporting to act on its behalf to modify, to change, or to assume for it, any other warranty or liability concerning its products.

In no event shall NAPCO be liable for an amount in excess of NAPCO's original selling price of the product, for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of any failure of the product. Seller's warranty, as hereinabove set forth, shall not be enlarged, diminished or affected by and no obligation or liability shall arise or grow out of Seller's rendering of technical advice or service in connection with Buyer's order of the goods furnished hereunder.

NAPCO RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

Warning: Despite frequent testing, and due to, but not limited to, any or all of the following; criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. NAPCO does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to, fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage.

NAPCO is not an insurer of either the property or safety of the user's family or employees, and limits its liability for any loss or damage including incidental or consequential damages to NAPCO's original selling price of the product regardless of the cause of such loss or damage.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, or differentiate in their treatment of limitations of liability for ordinary or gross negligence, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

THE FOLLOWING STATEMENT IS REQUIRED BY THE FCC.

This equipment generates and uses radio-frequency energy and, if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class-B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient the receiving antenna; relocate the computer with respect to the receiver; move the computer away from the receiver; plug the computer into a different outlet so that computer and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful: “How to Identify and Resolve Radio-TV Interference Problems”. This booklet is available from the U.S. Government Printing Office, Washington, DC 20402; Stock No. 004-000-00345-4.

Napco Security Technologies, 333 Bayview Avenue, Amityville, NY 11701